Soil Treatment Market By Function (Soil Protection, Soil Fertility), By Type (Organic Amendments, Ph. Adjusters), By Technology (Physiochemical, Biological, Thermal), Geography - Forecast (2016-2021)

Description: Soil treatment process is the process employed for improving the biological and physical content of the soil which is degrading due to growing rate of industrialization. The pollution caused by industries in form of chemicals, particulate matter among others are mixing in the soil content thus making the soil infertile and further impacts the growth of crops negatively. Rising high quality food grains demand owing to increasing population is expected to drive global soil treatment market over the next decade.

Soil treatment in present scenario, mainly denotes to nutritional management that improves the quality and fertility of the soil and amount of organic matter content, thus improving the soil structure and function. Overall the soil treatment acts as a resourceful solution for many field related problems as it improves the soil structure, nutritional profile and biodiversity.

Rising concern over food security, growing demand for organic food and developing agricultural practices are the major drivers helping the soil treatment market to grow efficiently. The high population development in the region, where there is shrinking of farm lands is further explaining the need for soil treatment product implementation. However, unclear regulatory environment concerning to soil treatment product applications and lack of awareness awareness among farming community regarding soil treatment in limiting the growth to a certain extent.

Benefits associated with soil treatment includes characteristics such as improved nutrient, physical and biological content of soil are projected to positively impact market development over the next six years. Additionally, soil treatment products helps to improve soil conditions for plant development by balancing pH, restoring microbial activity, increasing moisture retention and reduce compaction which is anticipated to drive the soil treatment market in near future.

Adherence to government regulations for the usage of soil treatment products emerge as one of the restraints for the soil treatment market. Moreover, the increasing awareness about harmful effects of agrochemicals on soil health hinders the growth of the soil treatment market.

Soil treatment market is appreciated for its benefits on improving the soil structure, nutritional profile & biodiversity, and for its functional properties; making it an adaptable ingredient. It is boon to the agricultural industry. Soil treatment also enhances the soil condition and makes it suitable for agricultural operations as it reduces aeration and water infiltration. Soil treatment helps to reduce traffic and toxicity on the soil surface that helps in retaining the soil texture and nutritional properties.

The soil treatment market is projected to grow at a CAGR of 8.5% from 2015, to reach a projected value of $XX bn by 2021. Asia-Pacific market is the third largest market for soil treatment and possesses the fastest growth rate globally. Agriculture based countries like China and India are leading the market place regionally. The soil treatment market in China is largely driven by organic amendment products and weed control products specifically.

North America accounted for the largest market share for soil treatment, followed by Europe and Asia-Pacific. Soil treatment products such as soil protection, organic amendments are among the widely used products in this region; changing farming practices is one of the major factors driving the soil treatment market in this region.

Awareness Among Small Farmers

In today's technologically advanced environment where the need for automation is essential in every field, as hybrid plants produce a very high agricultural yield for only one generation, new hybrid seeds need to be produced and used every year. However, natural method via seeds might enable the efficiency of such plants to be passed on unchanged. In order to obtain fresh possibilities for both seed producers and small farms in the developing World many researchers conducted several experiments and they finally concluded
that soil treatment method is the best method. In today's agriculture, hybrid plants are vital for the adequate production of food, feed, fuel and fiber. In order to overcome this problem soil treatment method is helpful in an easy way.

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